

Title (en)

ENCODING METHOD AND APPARATUS, DECODING METHOD AND APPARATUS, DEVICE, STORAGE MEDIUM AND COMPUTER PROGRAM

Title (de)

CODIERUNGSVERFAHREN UND -VORRICHTUNG, DECODIERUNGSVERFAHREN UND -VORRICHTUNG, VORRICHTUNG, SPEICHERMEDIUM UND COMPUTERPROGRAMM

Title (fr)

PROCÉDÉ ET APPAREIL D'ENCODAGE, PROCÉDÉ ET APPAREIL DE DÉCODAGE, DISPOSITIF, SUPPORT DE STOCKAGE ET PROGRAMME INFORMATIQUE

Publication

**EP 4333432 A1 20240306 (EN)**

Application

**EP 22803856 A 20220512**

Priority

- CN 202110559102 A 20210521
- CN 2022092385 W 20220512

Abstract (en)

Embodiments of this application disclose an encoding method and apparatus, a decoding method and apparatus, a device, a storage medium, and a computer program, and relate to the field of encoding and decoding technologies. In this method, a first latent variable is scaled based on a first variable scale factor, to obtain a second latent variable, and a quantity of coding bits of an entropy coding result of the second latent variable meets a preset encoding rate condition. This ensures that a quantity of coding bits of an entropy coding result of a latent variable corresponding to each frame of media data can meet the preset encoding rate condition, that is, the quantity of coding bits of the entropy coding result of the latent variable corresponding to each frame of media data can be basically consistent, instead of dynamically changing, thereby meeting a requirement of an encoder for a stable encoding rate.

IPC 8 full level

**H04N 19/13** (2014.01)

CPC (source: CN EP KR US)

**G10L 19/0017** (2013.01 - EP); **G10L 19/002** (2013.01 - EP); **G10L 19/167** (2013.01 - US); **G10L 19/24** (2013.01 - US); **G10L 25/30** (2013.01 - EP US); **H04L 65/75** (2022.05 - EP); **H04L 65/80** (2013.01 - CN EP); **H04N 19/13** (2014.11 - EP KR); **H04N 19/146** (2014.11 - EP KR); **H04N 19/184** (2014.11 - EP US); **H04N 19/91** (2014.11 - EP US); **H04N 21/4398** (2013.01 - EP); **H04N 21/4666** (2013.01 - EP); **H04N 21/8106** (2013.01 - EP); **G10L 19/0212** (2013.01 - EP); **G10L 19/032** (2013.01 - EP); **G10L 19/173** (2013.01 - US); **H04L 65/611** (2022.05 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4333432 A1 20240306**; **EP 4333432 A4 20240424**; BR 112023024341 A2 20240206; CN 115460182 A 20221209; CN 115460182 B 20240705; CN 118694750 A 20240924; JP 2024518647 A 20240501; KR 20240011767 A 20240126; MX 2023013828 A 20240215; US 2024087585 A1 20240314; WO 2022242534 A1 20221124

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